

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	600/529-543.ccls. and (ion with mobility with spectromet\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 14:43
L5	1	10/817455 and fieldable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 15:20
L6	1	600/529-543.ccls. and fieldable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 15:20
L7	4	"73"/\$.ccls. and fieldable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 15:20
L8	1	"600"/\$.ccls. and fieldable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 16:35
L9	2	"6512224".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 17:45
L10	46	("20020060290" "20020138208" "20020193950" "20020195555" "20030047681" "20030085348" "20030132380" "20030146377" "20030208133" "20030218130" "5401963" "5420424" "5455417" "5492867" "5763876" "5789745" "6124592" "6495823" "6512224" "6610977" "6627881" "6639212" "6653627" "6675104" "6690004").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 16:43

## EAST Search History

L11	15	600/529-543.ccls. and ((exhal\$5 expir\$5) with (constant adj rate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 17:15
L13	87	600/532.ccls. and (power adj supply)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 17:16
L15	1	"600"/529-543.ccls. and (power adj supply) and ueda.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 17:16
L17	2	"600"/529-543.ccls. and (power) and ueda.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 17:17
L18	1	10/817455	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 17:46
L19	39	600/529-543.ccls. and (indicat\$4 with constant with (flow exhal\$6 expir\$6))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 17:47
L20	1	600/529-543.ccls. and (ion with flow with generator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 17:47
L25	9	"250"/\$.ccls. and (ion adj flow adj generator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 17:51

## EAST Search History

L26	0	"73"/\$.ccls. and (ion adj flow adj generator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 17:50
L28	60	"250"/\$.ccls. and (electrodes same (asymmetric with electric with field)) and (electrodes same (field with (transverse perpendicular))) and (ionization with source) and spectrometer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 18:00
L29	3	"250"/\$.ccls. and (electrodes same (asymmetric with electric with field) same (ion with flow with generator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 18:02
L30	6	(electrodes same (asymmetric with electric with field) same (ion with flow with generator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 18:05
L31	27	("5420424"   "5455417"   "5536939"   "5723861"   "5736739"   "5763876"   "5789745"   "5801379"   "5834771"   "5965882"   "6051832").PN. OR ("6512224").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/23 18:03
L32	1	((ion adj flow adj generator) with pump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 18:06
L33	4	((ion adj flow adj generator) same pump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 18:19
L34	9	600/529-543.ccls. and (constant\$2 adj3(exhaling exhales exhale expiration expiring expires expire))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 18:22

## EAST Search History

L35	0	600/529-543.ccls. and (constant\$2 adj3 (blow blowing blows))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 18:22
L36	4	600/529-543.ccls. and (constant\$2 with (blow blowing blows))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 18:22
L37	5	("5533513").URPN.	USPAT	OR	ON	2006/03/23 18:26
L38	97	600/532.ccls. and 600/538.ccls.	USPAT	OR	ON	2006/03/23 18:27
L40	21	600/532.ccls. and (breath\$4 with constant\$2 with rate)	USPAT	OR	ON	2006/03/23 18:29
L41	1	"5293875".pn.	USPAT	OR	ON	2006/03/23 18:29
S1	2	"600"/\$.ccls. and (asymmetric with field with ion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 16:25
S2	3	"73"/\$.ccls. and (asymmetric with field with ion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 16:30
S3	22	("3621240"   "3626179"   "3668383"   "3812355"   "3845301"   "3902064"   "4261698"   "4855595"   "4987767"   "5070240"   "5117107"   "5210412"   "5420424"   "5504326"   "5510613"   "5622824"   "5640011"   "5763878"   "5905258"   "6323482").PN. OR ("6559441").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/21 16:32
S4	1	"600"/\$.ccls. and (ionization with source) and (ion adj filter) and (ion with flow with generator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 16:39
S5	1	"600"/\$.ccls. and (ionization with source) and (ion adj filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 16:36

## EAST Search History

S6	2	10/697708	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 16:40
S7	3	10/082803	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 16:41
S8	6	09/896536	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 16:42
S9	14	10/187464	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 16:43
S10	6	(breath respiratory breathing) and (ionization adj source) and (ion adj filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 16:49
S11	8	10/321822	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 16:50
S12	0	("2005/0085740").URPN.	USPAT	OR	ON	2006/03/21 16:54
S13	4	(breath respiratory respiration breathing) and (asymmetric with field) and (ion with filter) and (electrode with insulat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 16:55
S14	5	(breath respiratory respiration breathing) and (asymmetric with field) and (ion with filter) and generator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 16:55

## EAST Search History

S15	3	600/529-543.ccls. and (ion with mobility with spectrometer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 18:46
S17	7	(ion with mobility with spectrometer) and (ion with filter) and (ionization with source) and (generator same (electrode with insulat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 16:58
S23	20	(ion with mobility with spectrometer) and (asymmetric with field) and (ion adj detector) and (ion with filter) and generator and (electrode with insulat\$4) and (transverse with field)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 17:02
S24	1	600/529-543.ccls. and (FAIM with spectrometer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 18:46
S25	1	600/529-543.ccls. and (FAIM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 18:53
S26	9	600/529-543.ccls. and (dms)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 19:04
S27	1	"6559441".pn. and asymmetric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 19:04
S29	19	(FAIM adj spectrometer) and (electrode same field same (transverse perpendicular))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 17:15

## EAST Search History

S32	7	((flow with generator) same (electrode) same (electric adj field) same transverse) and spectrometer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 17:17
S33	12	((flow with generator) same (electrode) same (electric adj field)) and ((ion adj filter) same asymmetric same (electric adj field))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 17:18